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### CORNELL NOTETAKING

| <u>Key Words</u>   | <u>Main Ideas/Supporting Ideas</u>   |
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| 1. Use wheel or transportation                             | <ul style="list-style-type: none"><li>• used in Mesopotamia 3250 BCE</li><li>• First used to make pottery ,still used today</li><li>• Later used with plows, carts, or chariots</li><li>• Vehicles pulled by donkey / oxen</li></ul>   |
| 2. improve the process of pottery making                   | <ul style="list-style-type: none"><li>• Addition to potters wheel</li><li>• To bake pottery and bricks use kiln (enclosed oven)</li><li>• Kiln produces high temperatures</li><li>• Pottery and bricks become harder than one dried by the sun</li></ul>   |
| 3. Produce copper in quantities large enough to make tools | <ul style="list-style-type: none"><li>• Sumerians combined copper and tin to make bronze</li><li>• Bronze used to make stronger tools than made with copper alone</li><li>• Tools allowed Sumerians to build bigger stronger transportation</li><li>• Sumerians traded with people far away ,eg. India</li></ul> |
| 4. Irrigate Fields   | <ul style="list-style-type: none"><li>• At first ,my have corned water from rivers to fields</li><li>• In time dug channels /canals to allow water to flow from rivers to fields</li></ul>   |
| 5. Study the stars   | <ul style="list-style-type: none"><li>• Sumerian priests calculated best times for agriculture</li><li>• Crated calendar that had summer and winter</li><li>• Calendar based on phases of moon consisted 12 months and 31 days</li></ul>   |
| 6. Develop engineering skills                              | <ul style="list-style-type: none"><li>• Used by Sumerian with knowledge of mathematics to build</li><li>• Invented number system based on 60 used by mathematicians and astronomers until 1600's</li></ul>   |
| 7. Develop efficient numbering system                      | <ul style="list-style-type: none"><li>• Still used today for measuring angles and time</li><li>• Clay tablets date c 3000 BCE</li><li>• Sumerians developed system separated by symbols from amount</li></ul>  |
| Connections and Reflections<br>(Summary)                   | <p>My connection is that on our calendar today consisted 12 months and 31 days and we still use the pottery wheels today.</p> <p>Reflection I think its interesting how they lived and how differently we do things now is cool.</p>   |